EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(TUNING NEAR FORK) WITH MEASUR$4 WITH BALANCE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 22:56
L2	70	((TUNING NEAR FORK) WITH MEASUR$4).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 22:58
L3	2564	((TUNING NEAR FORK)).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 22:59
L4	21	((TUNING NEAR FORK) WITH PHASE).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 22:59
L5	117	((TUNING NEAR FORK) WITH ADJUST$4).TI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 23:01
L6	179	(oscillator) WITH MEASUR$4 WITH BALANCE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/12/19 23:04
S1	3268	(endress-$).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 10:06
S2	464	(endress-$).as. and (fork oscillat$3 oscilat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 10:06
S3	1434	(73/1.01,1.02,1.73,1.82,1.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/03 10:40
S4	252	S3 and (fork oscillat$3 oscilat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 10:43
S5	22	S4 and ((detect$4 measur$4 sens$4) with (travel$4 propogat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 11:29

S6	369	(tuning near fork) and ((detect$4 measur$4 sens$4) with (travel$4 propogat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 11:37
S7	267	(tuning near fork) and ((detect$4 measur$4 sens$4) with reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 11:55
S8	26	(tuning near fork) with ((detect$4 measur$4 sens$4) with reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:01
S9	6	(tuning near fork) with ((detect$4 measur$4 sens$4) with (travel$4 propogat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:03
S10	3	S4 and ((measur$4 detect$4 sens$4) with housing with (vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:05
S11	8	S3 and ((measur$4 detect$4 sens$4) with housing with (vibration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:07
S12	1893	((tuning near fork) oscillator) with determin$4 with function$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:11
S13	1	S12 and ((monitor$4 detect$4) with (vibration$3) with (container housing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:12
S14	0	S12 and (remot$4 with (monitor$4 detect$4) with (vibration$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:14
S15	4	S3 and (remot$4 with (monitor$4 detect$4) with (vibration$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 12:16
S16	15	("3076343" | "3120622" | "3566163" | "4441044" | "4503351").PN. OR ("4620446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 13:09
S17	26	S3 and ((identify$3 detect$4 determin$4) with defect$4 with (sensor oscillat$4 oscilat$4 fork transducer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/03 13:17
S18	17	("20010022514" | "20010047691" | "20020154029" | "20030009300" | "20030167141" | "20030233876" | "20050256689" | "4419900" | "5184516" | "5383133" | "5774376" | "6006163" | "6076405" | "6192759" | "6370964" | "6396262" | "7006944").PN. OR ("7246514").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 13:22

S19	2	("4620446").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/03 23:17
S20	4	(("6205855") or ("6484109")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/03 23:28
S21	1479	(73/1.01,1.02,1.73,1.82,1.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/16 14:33
S22	26	S21 and ((identify$3 detect$4 determin$4) with defect$4 with (sensor oscillat$4 oscilat$4 fork transducer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:33
S23	87	S21 and ((monitor$4 detect$4) with vibration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:36
S24	13	S21 and ((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:39
S25	5861	((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:43
S26	2190	((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing) with sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 14:47
S27	0	((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing) with S21 and sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 15:06
S28	3	S21 and ((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing) with sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/16 15:06
S31	255	(rogers-d$).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 10:46
S32	1	S31 and (tuning near fork)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 10:46
S33	269	(difoggio-r$).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 10:50

S34	35	(difoggio-r$).in. and tuning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 11:00
S35	18	(difoggio-r$).in. and tuning with resonator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 11:35
S36	8393	tuning with resonator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 11:36
S37	90	tuning with resonator with coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 11:36
S38	22	tuning with resonator with ablat$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/17 11:53
S41	2	("6647786").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/18 11:18
S42	43	three near (rod tine) with (oscillator resonat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/07/20 10:30
S43	2	("6,698,287").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 10:35
S44	14	(US-20060095223-$ or US-20030056590-$).did. or (US-7544464-$ or US-7334452-$ or US-6698287-$ or US-6647786-$ or US-6389891-$ or US-6236322-$ or US-6051783-$ or US-5709558-$ or US-5440455-$ or US-4620446-$).did. or (US-2520520-$).did. or (JP-04369447-$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/07/20 10:36
S45	11	S44 and piezoelectric	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/07/20 10:36
S46	0	(tuning near fork) and (piezoelectic with (receiver sensor))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/07/20 10:39
S47	890	(tuning near fork) and (piezoelectric with (receiver sensor))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/07/20 10:39
S48	234	(tuning near fork) and (piezoelectric near (receiver sensor))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/07/20 10:39
S49	4	(("6205855") or ("6484109")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 10:55

S51	1539	(73/1.01,1.02,1.73,1.82,1.83).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/02/18 10:18
S52	270	S51 and (fork oscillat$3 oscilat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:19
S53	23	S52 and ((detect$4 measur$4 sens$4) with (travel$4 propogat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/02/18 10:20
S54	0	("(rogers-d$).xa.andfork").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/30 22:25
S55	8	(rogers-d$).xa. and fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 22:26
S56	50	("20020088284" | "3130808" | "3346058" | "3390737" | "3449940" | "3608715" | "3760204" | "3903732" | "4526480" | "4574639" | "4602505" | "4679427" | "4729237" | "4922745" | "5006845" | "5048351" | "5204529" | "5269188" | "5361632" | "5622223" | "5734098" | "5741962" | "5837893" | "6073492" | "6128949" | "6176323" | "6182499" | "6336353" | "6357536" | "6378364" | "6393895" | "6401519" | "6494079").PN. OR ("6938470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/30 22:29
S57	6	"tuning fork" and ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 22:37
S58	119	resonator and ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:41
S59	0	(symyx-$).as. and ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:44
S60	1055	(symyx-$).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:44
S61	7847	oscillatorand ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:44
S62	258	oscillator and ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:44

S63	16	oscillator.ti. and ((burn$4 ablat$4) with (gold metal) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:45
S64	63	"tuning fork" and ((burn$4 ablat$4) with (layer coating))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/30 23:47
S65	125441	("tuning fork" resonator oscillator).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 09:56
S66	92	S65 and (("tuning fork" resonator oscillator) with mount$4 with flange)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 09:56
S67	2	("7444245 ").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/01 09:59
S68	13	("20050086012" | "4815323" | "4975615" | "5138886" | "6360175" | "6449566" | "RE33837").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 12:35
S69	683	((oscillator resonator "tuning fork") with three with (tines bars forks))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 12:37
S70	8	("3106124" | "3659230").PN. OR ("4007432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/01 12:41
S71	962	(endress-$).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/01 12:48
S72	369	S71 and (oscillat$3 resonat$3 "tuning fork" trident)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 12:49
S73	7	("20050086012" | "4815323" | "4975615" | "5138886" | "6360175" | "6449566" | "RE33837").PN. OR ("7444245").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/01 13:08
S74	0	"strain gague" with mounting near flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 14:48
S75	9	"strain gauge" with mounting near flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 14:48
S76	5	"strain gauge" with mounted near flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 14:52

S77	41	"strain gauge" with (mount$4 near5 flange)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 14:55
S78	371	"strain gauge" with flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 15:00
S79	1825	"strain gauge" with accelerometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 15:06
S80	46376	"strain gauge" near4accelerometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 15:06
S81	1278	"strain gauge" near4 accelerometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 15:06
S82	778	"strain gauge" near accelerometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 15:07
S83	23	"strain gauge" with monitor$4 with vibrations with sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:13
S84	72	"strain gauge" with monitor$4 with vibrations	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:16
S85	1	"strain gauge" with vibrations with loos$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:22
S86	328844	"strain gauge" with vibrations with resonance wit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:23
S87	17	"strain gauge" with vibrations with resonance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:23
S88	7	"strain gauge" with monitor$4 with resonance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/07/01 20:32

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29	1199	(73/1.01,1.02,1.73,1.82,1.83).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/07/16 15:08
S30	3	S29 and ((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing) with sensor)	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/16 15:09
S39	3624	(73/1.01,1.02,1.73,1.82,1.83,504.12,504.15,504.16,430,866.5).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/07/17 09:52
S40	52	S39 and ((monitor$4 detect$4) with vibration with (mount$4 nut bolt securing) with sensor)	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/17 09:53
S50	1	"Term Removed"	US-PGPUB	OR	ON	2009/07/20 10:36

12/ 19/ 10 11:23:56 PM
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